State of California AIR RESOURCES BOARD

EXECUTIVE ORDER A-21-37
Relating to Certification of New Motor Vehicle Heavy-Duty Engines

CUMMINS ENGINE COMPANY, INC.

Pursuant to the authority vested in the Air Resources Board by Sections 43100, 43102, and 43103 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-45-3;

IT IS ORDERED AND RESOLVED: That the following Cummins Engine Company, Inc. 1986 model-year diesel-powered engines have shown compliance with the optional transient test procedure and standards and are certified for use in motor vehicles with a manufacturer's gross vehicle weight rating greater than 8500 pounds:

Engine Family	Displac	ement	Exhaust Emission Control Systems		
	Cubic Inche	s (Liters)	(Special Features)		
093J	855 (14)		Engine Modification Smoke Puff Limiter (Diesel Injection-Direct) (Turbocharger) (Intercooler)		

Engine models and codes are listed on attachments.

The following are the certification emission values for these engine families:

Engine Family	Hydrocarbons gm/bhp-hr	Nitrogen Oxides gm/bhp-hr	
093J	0.8	4.6	

BE IT FURTHER RESOLVED: That the Executive Officer has been provided all material required to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2036).

CUMMINS ENGINE COMPANY, INC.

Engines certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this order.

Executed at El Monte, California this 294 day of August, 1986.

K. D. Drachand, Chief Mobile Source Division

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1986	AIR	RESOURCES	BOARD	SUPP	PLEMENTAL	DATA	SHEET
		HEAVY-DI	JTY DII	ESEL	ENGINES		

Manufactur	er Cummins	Engine Company	, Inc. En	gine Family	093J	
Litre (CID	14 (855)	<u>) </u>	Eng.	Type <u>In-l</u>	ine 6	
Emission C	Control Sys. ar	nd (Special Fea	atures)	AFC, ASA, STC	(DID, TC, I	(C)
Engine ! Model !	Mfr		! ! ! Maximum ! Rate HP ! at RPM	Fuel Rate mm3/stroke ! (lbs/Hr)	! Torque	! ! Fuel Rate ! mm3/stroke ! (lbs/Hr) !
NTCC-444 CPL 0806	Cummins- ! 217795 ! 3037216 ! 3034873 ! 3034874 ! ! ! ! !	Cummins- 3053766 - -	! 444 @ 2100 ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! !	229(162) ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! !	! !1400@1500 ! ! ! ! ! ! ! ! ! ! ! !	! 267(135) ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! !
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